L	Hits	Search Text	DB	Time stamp
Number	117.02		DB	
3	1	6470310.pn.	USPAT;	2004/05/24
4	1	6470310.pn. and pitch adj period\$4	US-PGPUB USPAT;	16:14 2004/05/24
1	1	offosio.ph. and proof day periody?	US-PGPUB	16:15
5	1	· · · · · · - · · <b>L</b> · · · · · · · · <b>J L</b> · · · · · · · · · · · · · · · · · · ·	USPAT;	2004/05/24
		(cod\$4 or decod\$4 or encod\$4)	US-PGPUB	16:18
6	1	6470310.pn. and pitch adj period\$4 near previous same (cod\$4 or decod\$4 or	USPAT; US-PGPUB	2004/05/24
		encod\$4)	US-FGFUB	10.27
7	1	5265167.pn.	USPAT;	2004/05/24
	,	5265167	US-PGPUB	16:32
8	1	5265167.pn.	USPAT; US-PGPUB	2004/05/24
9	1	5265167.pn. and previous same	USPAT;	2004/05/24
	_	excitation\$4	US-PGPUB	16:33
10	0	5265167.pn. and previous near excitation\$4 same weigh\$5	USPAT;	2004/05/24
11	0	I	US-PGPUB USPAT;	16:33
		excitation\$4	US-PGPUB	16:33
12	1	1	USPAT;	2004/05/24
13	1	excitation\$4   5265167.pn. and weigh\$5 near signal\$5	US-PGPUB USPAT;	16:48 2004/05/24
13	-	3200107.pm. and weighto hear signaryo	US-PGPUB	16:48
14	1	5265167.pn. and weigh\$5 same excitation\$4	USPAT;	2004/05/24
15	1	5265167.pn. and weigh\$5 same correlat\$5	US-PGPUB USPAT;	16:55 2004/05/24
13		5205107.pm. and weights same conferacts	US-PGPUB	17:13
16	1	5265167.pn. and correlation\$4	USPAT;	2004/05/24
1.7		5005167	US-PGPUB	17:17
17	0	5265167.pn. and correlation\$4 same peak\$4	USPAT; US-PGPUB	2004/05/24 17:18
18	1	5265167.pn. and peak\$4	USPAT;	2004/05/24
	_		US-PGPUB	17:24
19	1	5265167.pn. and correlation\$4	USPAT; US-PGPUB	2004/05/24
20	0	5265167.pn. and correlation\$4 and current	USPAT;	2004/05/24
	_		US-PGPUB	17:24
21	0	5265167.pn. and correlation\$4 and present	USPAT; US-PGPUB	2004/05/24
22	1	5265167.pn. and correlation\$4 same	USPAT;	2004/05/24
	_ ;	subfram\$4	US-PGPUB	17:28
23	1	5265167.pn. and correlation\$4 same subfram\$4 and estimat\$4	USPAT; US-PGPUB	2004/05/24
24	0	5265167.pn. and peak	USPAT;	2004/05/24
			US-PGPUB	18:15
25	1	5265167.pn. and domain	USPAT; US-PGPUB	2004/05/24 18:17
26	1	5265167.pn. and maximiz\$6	USPAT;	2004/05/24
		-	US-PGPUB	18:49
27	1	5265167.pn. and puls\$6	USPAT;	2004/05/24
28	o	5265167.pn. and puls\$6 same convolv\$6	US-PGPUB USPAT;	18:54
		_	US-PGPUB	18:54
29	0	5265167.pn. and puls\$6 same convol\$8	USPAT;	2004/05/24
30	1	   5265167.pn. and puls\$6 and convol\$8	US-PGPUB USPAT;	18:55 2004/05/24
			US-PGPUB	19:46
31	0	5664054.pn. and excitat\$5	USPAT;	2004/05/24
32	1	5664054.pn.	US-PGPUB USPAT;	19:47
			US-PGPUB	19:48
33	10	pitch\$4 near lag\$5 same gain\$4 and	USPAT;	2004/05/24
		(previous\$4 or past) near subfram\$4 and scal\$4 same add\$4 and excitation near	US-PGPUB	19:52
		signal\$4		
34	4	pitch\$4 near lag\$5 same gain\$4 and	USPAT;	2004/05/24
		(previous\$4 or past) near subfram\$4 and scal\$4 same add\$4 and excitation near	US-PGPUB	19:56
		signal\$4 and enhanc\$5		
	اـــــــــــــــــــــــــــــــــــــ		·	L

35	7	pitch\$4 near lag\$5 same gain\$4 and	USPAT;	2004/05/24
		(previous\$4 or past) near subfram\$4 and	US-PGPUB	19:56
		scal\$4 same add\$4 and enhanc\$5		
		sameexcitation near signal\$4 and enhanc\$5		
36	0	pitch\$4 near lag\$5 same gain\$4 and	USPAT;	2004/05/24
		(previous\$4 or past) near subfram\$4 and	US-PGPUB	19:56
		scal\$4 same add\$4 and enhanc\$5 same		1
		excitation near signal\$4 and enhanc\$5		0004/05/04
37	0	pitch\$4 near lag\$5 same gain\$4 and	USPAT;	2004/05/24
		(previous\$4 or past or present or	US-PGPUB	19:57
		current) near subfram\$4 and scal\$4 same		
		add\$4 and enhanc\$5 same excitation near signal\$4 and enhanc\$5		
38	20	pitch\$4 near lag\$5 same gain\$4 and	USPAT;	2004/05/24
30	20	(previous\$4 or past or present or	US-PGPUB	19:57
		current) near subfram\$4 and scal\$4 same	OS IGIOD	13.37
		add\$4		
39	1	pitch\$4 near lag\$5 same gain\$4 and	USPAT;	2004/05/24
	_	(previous\$4 or past or present or	US-PGPUB	19:57
		current) near subfram\$4 and scal\$4 same		
		add\$4 and enhanc\$5 same excitation		
40	1	pitch\$4 near lag\$5 same gain\$4 and	USPAT;	2004/05/24
		(previous\$4 or past or present or	US-PGPUB	19:58
		current) near subfram\$4 and scal\$4 same		
		add\$4 and enhanc\$5 same excitation same		
	1.7	signal\$4	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0004/05/04
41	17	pitch\$4 near lag\$5 same gain\$4 and (previous\$4 or past or present or	USPAT; US-PGPUB	2004/05/24
		current) near subfram\$4 and scal\$4 same	05-FGF0B	20.01
		add\$4 and excitation same signal\$4		
42	1		USPAT;	2004/05/24
		gain\$4 and (previous\$4 or past or present	US-PGPUB	20:17
		or current) near subfram\$4 and scal\$4		
		same add\$4 and excitation same signal\$4		
43	1	6470310.pn.	USPAT;	2004/05/24
			US-PGPUB	20:17
-	13153	speech adj signal\$4	USPAT;	2004/05/17
	0401		US-PGPUB	21:50
-	9421	speech adj signal\$4 and communicat\$4	USPAT; US-PGPUB	2004/01/21 08:30
_	3504	speech adj signal\$4 and communicat\$4 and	USPAT;	2004/01/21
	3301	encod\$4 and decod\$4 and cod\$4	US-PGPUB	08:31
_	576	speech adj signal\$4 and communicat\$4 and	USPAT;	2004/01/21
		encod\$4 and decod\$4 and cod\$4 and short\$4	US-PGPUB	08:32
		adj term\$4		
-	17		USPAT;	2004/01/21
		encod\$4 and decod\$4 and cod\$4 and short\$4	US-PGPUB	08:32
		adj term\$4 and adaptive adj excit\$6		
-	311	speech adj signal\$4 and communicat\$4 and	USPAT;	2004/01/21
		encod\$4 and decod\$4 and cod\$4 and short\$4	US-PGPUB	08:32
	315	adj term\$4 and enhanc\$5	USPAT;	2004/01/21
-	315	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4	US-PGPUB	08:32
		adi term\$4 and enhanc\$6	OJ FGFOB	00.32
_	244	speech adj signal\$4 and communicat\$4 and	USPAT;	2004/01/21
		encod\$4 and decod\$4 and cod\$4 and short\$4	US-PGPUB	08:33
		adj term\$4 and enhanc\$6 and quality same		
		speech\$4		
-	8	speech adj signal\$4 and communicat\$4 and	USPAT;	2004/01/21
		encod\$4 and decod\$4 and cod\$4 and short\$4	US-PGPUB	08:33
		adj term\$4 and enhanc\$6 and quality same		
	210	speech\$4 and extend\$4 adj3 cod\$4	Habra	2004/01/01
-	216	speech adj signal\$4 and communicat\$4 and encod\$4 and decod\$4 and cod\$4 and short\$4	USPAT; US-PGPUB	2004/01/21
		adj term\$4 and enhanc\$6 and quality same	03-16108	FC.00
		speech\$4 and linear adj predict\$4		
_	156	speech adj signal\$4 and communicat\$4 and	USPAT;	2004/01/21
		encod\$4 and decod\$4 and cod\$4 and short\$4	US-PGPUB	08:34
		adj term\$4 and enhanc\$6 and quality same		
		speech\$4 and linear adj predict\$4 and		
	r ·	puls\$6	i	

154   speech adj signal\$4 and communicat\$4 and encod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and except\$4 and linear adj predict\$4 and puls\$6 and except\$4 and linear adj predict\$4 and puls\$6 and except\$4 and linear adj predict\$4 and puls\$6 and excit\$5 and weight\$4   SP-PGFUB adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4   SP-PGFUB adj term\$4 adj enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and correlation adj puls\$6 and excit\$6 and weight\$4 and correlation adj puls\$6 and excit\$6 and weight\$4 and correlation adj pas\$5 and excit\$6 and weight\$4 and correlation adj lag\$5 and excit\$6 and weight\$4 and pitch adj lag\$5 and excit\$6 and weight\$4 and pitch adj lag\$5 and excit\$6 and weight\$4 and pitch adj lag\$5 and pattern\$5 and supplies\$6 and excit\$6 and weight\$4 and pitch adj lag\$5 and pattern\$5 and supplies\$6 and excit\$6 and weight\$4 and pitch adj lag\$5 and pattern\$5 speech adj signal\$4 and communicat\$4 and encod\$4 and deod\$4 and doot\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and pitch adj lag\$5 and pattern\$5 speech adj signal\$4 and communicat\$4 and encod\$4 and deod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$3 and linear adj predict\$4 and pitch adj lag\$5 and pattern\$5 and speech\$4 and puls\$6 and excit\$6 and weight\$4 and pitch adj lag\$5 and pattern\$5 and speech\$4 and puls\$6 and excit\$6 and weight\$4 and pitch adj lag\$5 and pattern\$5 and speech\$4 and reproduc\$5 and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and weight\$4 and reproduc\$5 and pitch adj lag\$5 and pattern\$7 and speech and coding and signal\$2 and quality and puls\$6 and weight\$4 and reproduc\$5 and linear adj prediction adpatern and speech and coding and signal\$2 and quality and puls\$6 and weight\$4 and re					
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129   speech adj signals4 and communicats4 and encods4 and short54 and puls56 and excit56 and weight54 and puls56 and excit56 and weight54 and puls56 and excit58 and weight54 and correlation and puls56 and excit56 and weight54 and puls56 and excit58 and weight54 and puls66 and excit58 and weight54 and puls66 and excit58 and weight54 and puls56 and excit58 and weight54 and puls66 and excit58 and weight64 and puls56 and excit58 and weight64 and puls56 and excit58 and weight64 and puls66 and excit68 and weight64 and puls66 and ex			speech\$4 and linear adj predict\$4 and		
### ### #### #### #### #### #### #### ####		120		IICDAM.	2004/01/21
adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4  - 1 speech adj signal\$4 and communicat\$4 and encod\$4 and short\$4 and term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and correlation adj peak\$4  - 54 speech adj signal\$4 and communicat\$4 and encod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pilch adj lag\$5  - 20 speech adj signal\$4 and communicat\$4 and encod\$4 and short\$4 and puls\$6 and excit\$6 and weight\$4 and pilch adj lag\$5 and pattern\$5  - 20 speech adj signal\$4 and communicat\$4 and puls\$6 and excit\$6 and weight\$4 and pilch adj lag\$5 and pattern\$5  - 20 speech adj signal\$4 and communicat\$4 and puls\$6 and excit\$6 and weight\$4 and pilch adj lag\$5 and pattern\$5  - 20 speech adj signal\$4 and communicat\$4 and puls\$6 and excit\$6 and weight\$4 and pilch adj lag\$5 and pattern\$6  - 16 speech adj signal\$4 and communicat\$4 and puls\$6 and excit\$6 and weight\$4 and pilch adj lag\$5 and pattern\$6  - 16 speech adj signal\$4 and communicat\$4 and encod\$4 and short\$4 adj term\$4 and enhanc\$6 and quality same speech\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pilch adj lag\$5 and pattern\$6  - 348 adptive and excitation and pattern and speech and coding and signal\$2  - 348 sadptive and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and excitation and pattern and speech and coding and signal\$2 and quality and puls\$6 and excitation and pattern and speech and co	_	129			
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-	17	("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn. and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech	USPAT; US-PGPUB	2004/01/21 09:49
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-	17	(("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduc\$5 and encod\$4 and decod\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4	USPAT; US-PGPUB	2004/01/21 10:46
_	16	(("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduc\$5 and encod\$4 and decod\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pitch\$4	USPAT; US-PGPUB	2004/01/21 10:47

	9	(("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduc\$5 and encod\$4 and decod\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and short adj term\$4	USPAT; US-PGPUB	2004/01/21 10:47
-	2	(("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and adaptive and excitation and pattern and speech\$4 and cod\$4 and signal\$2 and quality same speech and puls\$6 and weight\$4 and reproduc\$5 and encod\$4 and decod\$4 and linear adj predict\$4 and puls\$6 and excit\$6 and weight\$4 and pitch\$4 adj lag\$5 and short adj term\$4	USPAT; US-PGPUB	2004/01/22 12:03
-	6	(("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and encod\$4 and decod\$4 and locat\$4 and correlat\$4 and peak and pulse	USPAT; US-PGPUB	2004/01/22
-	6	•	USPAT; US-PGPUB	2004/01/22
-	4	(("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and encod\$4 same decod\$4 and locat\$4 and correlat\$4 and peak and	USPAT; US-PGPUB	2004/01/22 11:26
_	1	puls\$4 6311154.pn. and encoder same decoder	USPAT;	2004/01/22
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-	3	(("6415252" "4764963" "4821324" "4850022" "4932061" "5261027" "6415254" "6311154" "6289313" "6167375" "6064956" "5924061" "5822721" "5787389" "5752223" "5617507" "5602961").pn.) and communicat\$4 same (Link\$4 or connect\$4 or coupl\$4) and cod\$4 and encod\$4 and decod\$4	USPAT; US-PGPUB	2004/01/22 12:07
-	1	5752223.pn.	USPAT; US-PGPUB	2004/05/17 14:42
-	0	5752223.pn. and subfram44	USPAT; US-PGPUB	2004/05/17 14:43
	1	5752223.pn. and subfram\$4	USPAT; US-PGPUB	2004/05/17 14:43

-	0	speech adj signal\$4 and fram44 and	USPAT;	2004/05/17
		sub\$4fram\$4 and CELP	US-PGPUB	21:51
-	495	speech adj signal\$4 and fram\$4 and	USPAT;	2004/05/17
		sub\$4fram\$4 and CELP	US-PGPUB	21:53
_	43	speech adj signal\$4 and fram\$4 and	USPAT;	2004/05/17
	13	sub\$4fram\$4 and CELP and short\$4term same	US-PGPUB	21:54
	1		03-16108	21.54
		enhance\$5 and gain\$4		1 2004 (25 (37
i -	30	speech adj signal\$4 and fram\$4 and	USPAT;	2004/05/17
		sub\$4fram\$4 and CELP and short\$4term same	US-PGPUB	21:54
1		enhance\$5 and gain\$4 and peak\$4	ļ	1
-	20	speech adj signal\$4 and fram\$4 and	USPAT;	2004/05/17
		sub\$4fram\$4 and CELP and short\$4term same	US-PGPUB	21:54
		enhance\$5 and gain\$4 and distan\$5		1
_	34		USPAT;	2004/05/17
	1	sub\$4fram\$4 and CELP and short\$4term same	US-PGPUB	21:55
		enhance\$5 and gain\$4 and convol\$6	OS TGTOD	21.55
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_	15	1 1	USPAT;	2004/05/17
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		enhance\$5 and gain\$4 and convol\$6 and	-	
1	l	peak\$4 and distan\$4		1
-	15	speech adj signal\$4 and fram\$4 and	USPAT;	2004/05/17
1		sub\$4fram\$4 and CELP and short\$4term same	US-PGPUB	21:56
	1	enhance\$5 and gain\$4 and convol\$6 and		
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-	] 15	speech adj signal\$4 and fram\$4 and	USPAT;	2004/05/17
	i	sub\$4fram\$4 and CELP and short\$4term same	US-PGPUB	21:57
	I	enhance\$5 and gain\$4 and convol\$6 and		1
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	1	excitation\$4		1
-	15	speech adj signal\$4 and fram\$4 and	USPAT;	2004/05/17
		sub\$4fram\$4 and CELP and short\$4term same	US-PGPUB	21:57
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	1	sub\$4fram\$4 and CELP and short\$4term same	US-PGPUB	22:02
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		peak\$4		
_	44	speech adj signal\$4 and fram\$4 and	USPAT;	2004/05/17
		sub\$4fram\$4 and CELP and short\$4term same	US-PGPUB	22:23
		enhance\$5	OD FGFOD	22.23
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-	594		USPAT;	
		(fram\$4 or subfram\$4)	US-PGPUB	22:24
-	11	speech\$4 adj signal\$4 and plurality near	USPAT;	2004/05/17
	1	(fram\$4 or subfram\$4) and previous\$4 near	US-PGPUB	22:25
	1	(sub\$4fram\$4 or excit\$5) same CELP		
_	1	6470310.pn.	USPAT;	2004/05/18
	1		US-PGPUB	15:37
_	0	6470310.pn. and short\$4term\$4	USPAT;	2004/05/18
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	_	C470210 mm and to	US-PGPUB	15:38
_	1	6470310.pn. and term\$4	USPAT;	2004/05/18
	1		US-PGPUB	15:39
_	0	6470310.pn. and puls\$5	USPAT;	2004/05/18
			US-PGPUB	15:39
-	118	sub\$4fram\$4 and fram\$4 and CELP and	USPAT;	2004/05/18
		short\$4term\$4 and enhanc\$6	US-PGPUB	15:40
_	48	sub\$4fram\$4 and fram\$4 and CELP and	USPAT;	2004/05/18
		short\$4term\$4 and enhanc\$6 and puls\$6 and	US-PGPUB	15:42
		peak\$4 and gain\$4	l	
<b>-</b>	48	sub\$4fram\$4 and fram\$4 and CELP and	USPAT;	2004/05/18
	1	short\$4term\$4 and enhanc\$6 and puls\$6 and	US-PGPUB	15:42
.	1	peak\$4 and gain\$4 and excitat\$5		
-	46		USPAT;	2004/05/18
		short\$4term\$4 and enhanc\$6 and puls\$6 and	US-PGPUB	15:42
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		short\$4term\$4 and enhanc\$6 and puls\$6 and	US-PGPUB	15:43
		peak\$4 and gain\$4 and excitat\$5 and		
<b>j</b>		weigh\$5 and correlation\$4		] [
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42	=	1	5265167.pn. and previous\$5 and CELP	USPAT;	2004/05/18
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CELP and fram\$4 and sub\$4fram\$4 and short\$4term\$4 same excitat\$5			excitat\$5		
Short\$4term\$4 same excitat\$5   16311154.pn. and (previous or past) same CELP and short\$4term\$4 same excitat\$5   USPAT; USPAGPUB   18:30   USPAT; US	-	1	6311154.pn. and (previous or past) same	USPAT;	2004/05/18
1   6311154.pn. and (previous or past) same   USPAT;   2004/05/18   27664   2612   27644   27644   27645   2			CELP and fram\$4 and sub\$4fram\$4 and	US-PGPUB	18:30
CELP and short\$4term\$4 same excitat\$5			short\$4term\$4 same excitat\$5		
27264   gains4 and distans4 and peak34 and   USPAT;   2004/05/18   2630   gains4 and distans4 and peak34 and   USPAT;   2004/05/18   2004/05/18   2577   2004/05/18   2004/05/18   2577   2004/05/18   2577   2004/05/18   2577   2004/05/18   2577   2004/05/18   2577   2004/05/18   2577   2004/05/18   2577   2004/05/18   257	-	1	6311154.pn. and (previous or past) same	USPAT;	2004/05/18
Constant\$4 or coefficien\$5   US-PGVB   18:36   2004/05/18   2004/05/			CELP and short\$4term\$4 same excitat\$5	US-PGPUB	18:30
2630   gain\$4 and distan\$4 and peak\$4 and   USPAT;   CO04/05/18   excitation same signal\$4     USPAT;   USPAT;   CO04/05/18	-	27264	gain\$4 and distan\$4 and peak\$4 and	USPAT;	2004/05/18
			(constant\$4 or coefficien\$5)	US-PGPUB	18:36
excitation same signals4   Cod54 or encod54 or decod54) same (previous54 or past) near (sub54fram\$4 or fram\$4) and CELP and excitation   USPAT; US-PGPUB   18:38	-	2630	gain\$4 and distan\$4 and peak\$4 and	USPAT;	2004/05/18
excitation same signals4   Cod54 or encod54 or decod54) same (previous54 or past) near (sub54fram\$4 or fram\$4) and CELP and excitation   USPAT; US-PGPUB   18:38			(constant\$4 or coefficien\$5) and	US-PGPUB	18:37
(previous\$4 or past) near (sub\$4fram\$4 or fram\$4) and CELP and excitation			excitation same signal\$4		
(previous\$4 or past) near (sub\$4fram\$4 or fram\$4) and CELP and excitation	-	257		USPAT;	2004/05/18
fram\$4) and CELP and excitation  6470310.pn. and CELP and excitation near signal\$4  1 6470310.pn. and CELP and excitation near signal\$4 and plurality same subfram\$4  1 6470310.pn. and can			(previous\$4 or past) near (sub\$4fram\$4 or	US-PGPUB	18:38
1 6470310.pn. and CELP and excitation near signals4   16470310.pn. and CELP and excitation near signals4 and plurality same subframs4   USPAT; 2004/05/18   18:40   USPAT; 2004/05/18   18:41   USPAT; 2004/05/18   18:41   USPAT; 2004/05/18   2004/05/18					
1 6470310.pn. and CELP and excitation near signal\$4	_	1	6470310.pn. and CELP	USPAT;	2004/05/18
1 6470310.pn. and CELP and excitation near signal\$4			· ·	· ·	
Signal\$4   1   6470310.pn. and CELP and excitation near signal\$4 and plurality same subfram\$4   US-PGPUB   18:41   2004/05/18   2004/	_	1	6470310.pn. and CELP and excitation near	USPAT;	
1 6470310.pn. and CELP and excitation near signal\$4 and plurality same subfram\$4	1			US-PGPUB	
signals4 and plurality same subfram\$4	-	1	6470310.pn. and CELP and excitation near	USPAT;	2004/05/18
1 6470310.pn. and CELP and excitation near signals4 and plurality near subfrans4 same (cod\$4 or decod\$4 or encod\$4)			signal\$4 and plurality same subfram\$4	US-PGPUB	
signals4 and plurality near subfram\$4   US-PGPUB   18:43	-	1		USPAT;	2004/05/18
Same (cod\$4 or encod\$4)					1
- 0 6470310.pn. and short\$4term\$4					
1 6470310.pn. and short	-	0		USPAT;	2004/05/18
S-PGPUB			-	US-PGPUB	18:43
S-PGPUB	-	1	6470310.pn. and short	USPAT;	2004/05/18
1 6470310.pn. and short and term\$4 and			<u>-</u>	US-PGPUB	18:43
-   1 6470310.pn. and short and term\$4 and enhanc\$4	-	1	6470310.pn. and short and term\$4	USPAT;	2004/05/18
enhanc\$4				US-PGPUB	18:44
- 0 short\$4term\$4 near enhanc\$6 same excitation adj signal44 US-PGPUB 18:45 - 0 short\$4term\$4 near enhanc\$6 same excitation adj signal\$4 US-PGPUB 18:46 - 39 short\$4term\$4 near enhanc\$6 USPAT; US-PGPUB 18:46 - 0 short\$4term\$4 near enhanc\$6 same uSPAT; US-PGPUB 18:46 - 0 short\$4term\$4 near enhanc\$6 same uSPAT; US-PGPUB 18:46 - 3 short\$4term\$4 near enhanc\$6 same signal\$4 USPAT; US-PGPUB 18:46 - 39 short\$4term\$4 near enhanc\$6 same signal\$4 USPAT; US-PGPUB 18:46 - 39 short\$4term\$4 near enhanc\$6 uSPAT; US-PGPUB 18:46 - 39 short\$4term\$4 near enhanc\$6 uSPAT; US-PGPUB 18:47 - 2 short\$4term\$4 near enhanc\$6 and USPAT; US-PGPUB 18:47 - 714 short\$4term\$4 same enhanc\$6 uSPAT; US-PGPUB 18:47 - 16 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:47 - 16 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:47 - 93 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:47 - 93 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 49 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 49 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 49 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 49 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50 - 40 short\$4term\$4 same enhanc\$6 and USPAT; US-PGPUB 18:50	-	1	6470310.pn. and short and term\$4 and	USPAT;	2004/05/18
excitation adj signal44   US-PGPUB   18:45   2004/05/18   excitation adj signal\$4   US-PGPUB   18:46   US-PGPUB   18:46   US-PGPUB   18:46   US-PGPUB   US-PGPUB   18:46   US-PGPUB   US-PGPUB   US-PGPUB   18:46   US-PGPUB   US-PGP			enhanc\$4	US-PGPUB	18:45
- 0 short\$4term\$4 near enhanc\$6 same excitation adj signal\$4 US-PGPUB 18:46 - 39 short\$4term\$4 near enhanc\$6 USPAT; 2004/05/18 US-PGPUB 18:46 - 0 short\$4term\$4 near enhanc\$6 same USPAT; 2004/05/18 US-PGPUB 18:46 - 3 short\$4term\$4 near enhanc\$6 same signal\$4 USPAT; 2004/05/18 US-PGPUB 18:46 - 39 short\$4term\$4 near enhanc\$6 same signal\$4 USPAT; 2004/05/18 US-PGPUB 18:46 - 39 short\$4term\$4 near enhanc\$6 USPAT; 2004/05/18 US-PGPUB 18:47 - 2 short\$4term\$4 near enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:47 - 714 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:47 - 16 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:47 - 93 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:47 - 16 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:50 - 49 short\$4term\$4 same enhanc\$6 and excitation\$4 and 704/\$.ccls. US-PGPUB 18:50 - 49 short\$4term\$4 same enhanc\$6 and excitation\$4 and 704/\$.ccls. US-PGPUB 18:50 - 43 short\$4term\$4 same enhanc\$6 and excitation\$4 and 704/\$.ccls. US-PGPUB 18:50 - 43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and 704/\$.ccls. US-PGPUB 18:50 - 43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4 or past\$4) and (current\$4 or present\$4)	_	0	short\$4term\$4 near enhanc\$6 same	USPAT;	2004/05/18
excitation adj signal\$4				US-PGPUB	18:45
- 39 short\$4term\$4 near enhanc\$6 - 0 short\$4term\$4 near enhanc\$6 same	-	0	short\$4term\$4 near enhanc\$6 same	USPAT;	2004/05/18
- 0 short\$4term\$4 near enhanc\$6 same excitation short\$4term\$4 near enhanc\$6 same signal\$4 USPAT; 2004/05/18 USPGPUB 18:46 - 39 short\$4term\$4 near enhanc\$6 uSPAT; 2004/05/18 USPGPUB 18:46 - 39 short\$4term\$4 near enhanc\$6 uSPAT; 2004/05/18 USPGPUB 18:47 - 2 short\$4term\$4 near enhanc\$6 and USPAT; 2004/05/18 USPGPUB 18:47 - 12 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 USPGPUB 18:47 - 14 short\$4term\$4 same enhanc\$6 uSPAT; 2004/05/18 USPGPUB 18:47 - 15 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 USPGPUB 18:47 - 16 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 USPGPUB 18:47 - 17 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 USPGPUB 18:50 - 18 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 USPGPUB 18:50 - 20 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 U				US-PGPUB	
- 0 short\$4term\$4 near enhanc\$6 same excitation short\$4term\$4 near enhanc\$6 same signal\$4 USPAT; 2004/05/18 USPGPUB 18:46 - 3 short\$4term\$4 near enhanc\$6 same signal\$4 USPAT; 2004/05/18 USPGPUB 18:46 - 39 short\$4term\$4 near enhanc\$6 USPAT; 2004/05/18 USPGPUB 18:47 - 2 short\$4term\$4 near enhanc\$6 and USPAT; 2004/05/18 USPGPUB 18:47 - 714 short\$4term\$4 same enhanc\$6 USPAT; 2004/05/18 USPGPUB 18:47 - 16 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 USPGPUB 18:47 - 93 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 USPGPUB 18:47 - 93 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 USPGPUB 18:47 - 93 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 USPGPUB 18:50 - 49 short\$4term\$4 same enhanc\$6 and excitation\$4 and 704/\$.ccls. USPGPUB 18:50 - 49 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and 704/\$.ccls. USPGPUB 18:50 - 43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4) - 43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4) - 44 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4) - 45 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4) - 46 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4) - 47 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4) - 48 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4) - 49 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4) - 40 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4) - 40 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4) - 41 short\$4term\$4 same enhanc\$6 and excitation\$4 and previous\$4 or present\$4	-	39	short\$4term\$4 near enhanc\$6		
excitation short\$4term\$4 near enhanc\$6 same signal\$4  - 39 short\$4term\$4 near enhanc\$6 - 39 short\$4term\$4 near enhanc\$6 - 20 short\$4term\$4 near enhanc\$6 and - 39 short\$4term\$4 near enhanc\$6 and - 39 short\$4term\$4 near enhanc\$6 and - 39 short\$4term\$4 same enhanc\$6 and - 39 short\$4term\$4 same enhanc\$6 - 30 short\$4term\$4 same enhanc\$6 and - 49 short\$4term\$4 same enhanc\$6 and - 49 short\$4term\$4 same enhanc\$6 and - 40 short\$4term\$4 same enhanc\$6 and - 41 short\$4term\$4 same enhanc\$6 and - 42 short\$4term\$4 same enhanc\$6 and - 43 short\$4term\$4 same enhanc\$6 and - 44 short\$4term\$4 same enhanc\$6 and - 45 short\$4term\$4 same enhanc\$6 and - 47 short\$4term\$4 same enhanc\$6 and - 48 short\$4term\$4 same enhanc\$6 and - 49 short\$4term\$4 same enhanc\$6 and - 40 short\$4term\$4 same enhanc\$6 and - 40 short\$4term\$4 same enhanc\$6 and - 41 short\$4term\$4 same enhanc\$6 and - 42 short\$4term\$4 same enhanc\$6 and - 43 short\$4term\$4 same enhanc\$6 and - 44 short\$4 same enhanc\$6 and - 45 short\$4term\$4 same enhanc\$6 and - 46 short\$4term\$4 same enhanc\$6 and - 47 short\$4term\$4 same enhanc\$6 and - 48 short\$4term\$4 same enhanc\$6 and - 49 short\$4term\$4 same enhanc\$6 and - 40 short\$4term\$4term\$4term\$4term\$4term\$4term\$4term\$4term\$4t					I I
- 3 short\$4term\$4 near enhanc\$6 same signal\$4 USPAT; 2004/05/18 US-PGPUB 18:46 - 39 short\$4term\$4 near enhanc\$6 USPAT; 2004/05/18 US-PGPUB 18:47 - 2 short\$4term\$4 near enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:47 - 704/\$.ccls. US-PGPUB 18:47 - 714 short\$4term\$4 same enhanc\$6 USPAT; 2004/05/18 US-PGPUB 18:47 - 16 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:47 - 93 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:47 - 93 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:50 - 65 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:50 - 49 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:50 - 43 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18	-	0			
Short\$4term\$4 near enhanc\$6					
- 39 short\$4term\$4 near enhanc\$6	[ <b>-</b>	3	short\$4term\$4 near enhanc\$6 same signal\$4	•	1
- 2 short\$4term\$4 near enhanc\$6 and 704/\$.ccls 714 short\$4term\$4 same enhanc\$6 - 16 short\$4term\$4 same enhanc\$6 and 701/\$.ccls 93 short\$4term\$4 same enhanc\$6 and 704/\$.ccls 65 short\$4term\$4 same enhanc\$6 and 8 short\$4term\$4 same enhanc\$6 and 9 short\$4term\$4term\$4 same enhanc\$6 and 9 short\$4term					
- 2 short\$4term\$4 near enhanc\$6 and 704/\$.ccls 714 short\$4term\$4 same enhanc\$6 - 16 short\$4term\$4 same enhanc\$6 and 704/\$.ccls 93 short\$4term\$4 same enhanc\$6 and 704/\$.ccls 65 short\$4term\$4 same enhanc\$6 and 704/\$.ccls 65 short\$4term\$4 same enhanc\$6 and 8 USPAT; 2004/05/18 18:50 18:50 - 65 short\$4term\$4 same enhanc\$6 and 8 USPAT; 2004/05/18 18:50 - 65 short\$4term\$4 same enhanc\$6 and 8 USPAT; 2004/05/18 18:50 - 17 short\$4term\$4 same enhanc\$6 and 8 USPAT; 2004/05/18 18:50 - 18 short\$4term\$4 same enhanc\$6 and 8 USPAT; 2004/05/18 18:50 - 19 short\$4term\$4 same enhanc\$6 and 8 USPAT; 2004/05/18 18:50 - 20 short\$4term\$4 same enhanc\$6 and 8 USPAT; 2004/05/18 18:50 - 20 short\$4term\$4 same enhanc\$6 and 8 USPAT; 2004/05/18 18:50 - 20 short\$4term\$4 same enhanc\$6 and 8 USPAT; 2004/05/18 18:50 - 20 short\$4term\$4 same enhanc\$6 and 9 USPAT; 2004/05/18 18:50 - 20 short\$4term\$4 same enhanc\$6 and 9 USPAT; 2004/05/18 18:50 - 20 short\$4term\$4 same enhanc\$6 and 9 USPAT; 2004/05/18 18:50 - 20 short\$4term\$4 same enhanc\$6 and 9 USPAT; 2004/05/18 18:50 - 20 short\$4term\$4 same enhanc\$6 and 9 USPAT; 2004/05/18 18:50 - 20 short\$4term\$4 same enhanc\$6 and 9 USPAT; 2004/05/18 18:50 - 20 short\$4term\$4 same enhanc\$6 and 9 USPAT; 2004/05/18 18:50	-	39	short\$4term\$4 near enhanc\$6		
704/\$.ccls. short\$4term\$4 same enhanc\$6  - 16 short\$4term\$4 same enhanc\$6 and					
- 714 short\$4term\$4 same enhanc\$6  - 16 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 18:47  - 16 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:47  - 33 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:50  - 65 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 US-PGPUB 18:50  - 49 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 USPAT;	-	2		· ·	
- 16 short\$4term\$4 same enhanc\$6 and 701/\$.ccls 93 short\$4term\$4 same enhanc\$6 and 704/\$.ccls 65 short\$4term\$4 same enhanc\$6 and 8					l l
- 16 short\$4term\$4 same enhanc\$6 and 701/\$.ccls. US-PGPUB 18:47 - 93 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 704/\$.ccls. US-PGPUB 18:50 - 65 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 18:50 - 49 short\$4term\$4 same enhanc\$6 and excitation\$4 and 704/\$.ccls. US-PGPUB 18:50 - 49 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and 704/\$.ccls. US-PGPUB 18:50 - 43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and 704/\$.ccls. US-PGPUB 18:50 - 43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4 or present\$4) - 43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4 or present\$4)	-	714	short\$4term\$4 same enhanc\$6	· ·	
701/\$.ccls.  93 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 704/\$.ccls.  95 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18				1	1
- 93 short\$4term\$4 same enhanc\$6 and 704/\$.ccls. US-PGPUB 18:50 2004/05/18 18:50 2004/05/18 2004/05	-	16			
704/\$.ccls.  704/\$.ccls.  Short\$4term\$4 same enhanc\$6 and excitation\$4 and 704/\$.ccls.  49 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and 704/\$.ccls.  43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and 704/\$.ccls.  43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4 or present\$4)  43 or past\$4) and (current\$4 or present\$4)					
- 65 short\$4term\$4 same enhanc\$6 and excitation\$4 and 704/\$.ccls. US-PGPUB 18:50 - 49 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and 704/\$.ccls. US-PGPUB 18:50 - 43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and 704/\$.ccls. US-PGPUB 18:50 - 43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4 or present\$4) - 43 or past\$4) and (current\$4 or present\$4)	-	93		1 '	
excitation\$4 and 704/\$.ccls.  49 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and 704/\$.ccls.  43 short\$4term\$4 same enhanc\$6 and excitation\$4 adj signal\$4 and (previous\$4 or present\$4)  43 excitation\$4 adj signal\$4 and (previous\$4 or present\$4)  44 or present\$4 or present\$4)		_	· ·	1	
- 49 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 excitation\$4 adj signal\$4 and 704/\$.ccls. US-PGPUB 18:50 - 43 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 USPAT; 2004/05/18 excitation\$4 adj signal\$4 and (previous\$4 or present\$4) US-PGPUB 19:01	-	65	· · · · · · · · · · · · · · · · · · ·		1 ' ' '
excitation\$4 adj signal\$4 and 704/\$.ccls. US-PGPUB 18:50 43 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 excitation\$4 adj signal\$4 and (previous\$4 US-PGPUB 19:01 or past\$4) and (current\$4 or present\$4)					
- 43 short\$4term\$4 same enhanc\$6 and USPAT; 2004/05/18 excitation\$4 adj signal\$4 and (previous\$4 US-PGPUB 19:01 or past\$4) and (current\$4 or present\$4)	-	49			1
excitation\$4 adj signal\$4 and (previous\$4 US-PGPUB 19:01 or past\$4) and (current\$4 or present\$4)					
or past\$4) and (current\$4 or present\$4)	-	43		· ·	
				US-PGPUB	19:01
and 704/\$.ccls.					
			and 704/\$.ccls.		

-	0	short\$4term\$4 same enhanc\$6 and	USPAT;	2004/05/18
		excitation\$4 adj signal\$4 and (previous\$4	US-PGPUB	19:02
		or past\$4) same signal\$4 and enhanc\$6		
		same (current\$4 or present\$4) near		
		signal\$4 and 704/\$.ccls.		
i -	44	short\$4term\$4 same enhanc\$6 and	USPAT;	2004/05/18
		excitation\$4 adj signal\$4 and (previous\$4	US-PGPUB	19:02
		or past\$4) same signal\$4		}
_	22	short\$4term\$4 same enhanc\$6 and	USPAT;	2004/05/18
		excitation\$4 adj signal\$4 and (previous\$4	US-PGPUB	19:02
		or past\$4) same signal\$4 and enhanc\$6	***	10,00
		same (current\$4 or present\$4)		
_	ا م	short\$4term\$4 same enhanc\$6 and	USPAT;	2004/05/18
_	١	excitation\$4 adj signal\$4 and (previous\$4	US-PGPUB	19:03
		or past\$4) same signal\$4 and enhanc\$6	05-16101	1 19.03
		same (current\$4 or present\$4) near		
		signal\$4		1 2004 (05 (10
_	22	short\$4term\$4 same enhanc\$6 and	USPAT;	2004/05/18
		excitation\$4 adj signal\$4 and (previous\$4	US-PGPUB	19:08
		or past\$4) same signal\$4 and enhanc\$6		
		same (current\$4 or present\$4) and		
		704/\$.ccls.		
[ -	1589	"6470"	USPAT;	2004/05/18
[			US-PGPUB	19:08
-	1	6470310.pn. and enhance\$6	USPAT;	2004/05/18
			US-PGPUB	19:10
-	0	6470310.pn. and (current or present) same	USPAT;	2004/05/18
		signal\$4 and (current or present) same	US-PGPUB	19:11
		(subfram\$4 or fram\$4)		
_	l 0	6470310.pn. and (current or present) same	USPAT;	2004/05/18
		signal \$4 and (current \$4 or present \$\$)	US-PGPUB	19:11
		same (subfram\$4 or fram\$4)	05 10102	
	1	6470310.pn. and (current or present) same	USPAT;	2004/05/18
	1	signal\$4	US-PGPUB	19:12
1	Ó	6470310.pn. and puls\$5	USPAT;	2004/05/18
-		6470310.pm. and puls33	US-PGPUB	19:12
		(470210 mm and mulack	USPAT;	2004/05/18
-	0	6470310.pn. and puls\$6		l I
		6470010	US-PGPUB	19:12
_	0	6470310.pn. and prevoius\$4	USPAT;	2004/05/18
		6470010	US-PGPUB	19:13
-	1	6470310.pn. and previous\$4	USPAT;	2004/05/18
			US-PGPUB	19:13
-	1		USPAT;	2004/05/18
		decod\$4) same previous\$4	US-PGPUB	19:17
-	1	5265167.pn. and (previous\$4 or past) same	USPAT;	2004/05/18
		excitation\$4 near signal\$4	US-PGPUB	19:19
-	1	5265167.pn. and (previous\$4 or past) same	USPAT;	2004/05/18
		excitation\$4 near signal\$4 and weigh\$5	US-PGPUB	19:19
		near filter\$4		
-	0	1	USPAT;	2004/05/18
		excitation\$4 near signal\$4 and weigh\$5	US-PGPUB	19:19
		near filter\$4 and estimat\$4 same		
		(correlation\$4 or peak\$4)		
-	1	l :	USPAT;	2004/05/18
		excitation\$4 near signal\$4 and weigh\$5	US-PGPUB	19:19
		near filter\$4 and (correlation\$4 or		
	[	peak\$4)	1	
_	0	1 - ' '	USPAT;	2004/05/18
		excitation\$4 near signal\$4 and weigh\$5	US-PGPUB	19:19
		near filter\$4 and correlation\$4 same	05 FGE0D	10.10
		l · · · · · · · · · · · · · · · · · · ·		
_ ·		peak\$4	Hennm.	2004/05/19
-	ا	5265167.pn. and (previous\$4 or past) same	USPAT;	2004/05/18
		excitation\$4 near signal\$4 and weigh\$5	US-PGPUB	19:20
1		near filter\$4 and (correlation\$4 or		
	1 .	peak\$4) and sunfram\$4		1 0004 405 45 5
-	1	5265167.pn. and (previous\$4 or past) same	USPAT;	2004/05/18
		excitation\$4 near signal\$4 and weigh\$5	US-PGPUB	19:22
	1	near filter\$4 and (correlation\$4 or		
L		peak\$4) and subfram\$4		1

			r -=	1
-	1	5265167.pn. and (previous\$4 or past) same	USPAT;	2004/05/18
1		excitation\$4 near signal\$4 and weigh\$5	US-PGPUB	19:22
1		near filter\$4 and (correlation\$4 or		
		peak\$4) and short\$4	}	
l _	1	5265167.pn. and (previous\$4 or past) same	USPAT;	2004/05/18
	_	excitation\$4 near signal\$4 and weigh\$5	US-PGPUB	19:27
		near filter\$4 and (correlation\$4 or	OS FGFOB	19.27
		peak\$4) and short\$4 and enhanc\$6		
-	1		USPAT;	2004/05/18
		excitation\$4 near signal\$4 and weigh\$5	US-PGPUB	19:28
-	1	5265167.pn. and (previous\$4 or past) and	USPAT;	2004/05/18
		excitation\$4 near signal\$4 same weigh\$5	US-PGPUB	19:32
_	1	5265167.pn. and (estimat\$5 or	USPAT;	2004/05/18
1	_	approximat\$5)	US-PGPUB	19:32
1_	1		USPAT;	2004/05/18
	*	approximat\$5) same (correlat\$4 or peak\$4)	US-PGPUB	19:36
			1	,
-	0	5265167.pn. and (estimat\$5 or	USPAT;	2004/05/18
		approximat\$5) same (correlat\$4 or peak\$4)	US-PGPUB	19:36
		and distanc\$4		
-	1	5265167.pn. and (estimat\$5 or	USPAT;	2004/05/18
		approximat\$5) same (correlat\$4 or peak\$4)	US-PGPUB	19:50
i		and length\$4 same subfram\$4	į	
-	l 0	5265167.pn. and maximiz\$6 same	USPAT;	2004/05/18
		(correlat\$4 or peak\$4) and length\$4 and	US-PGPUB	19:50
		gain\$4	55 135 05	13.33
	_	, ,	IICDAM.	2004/05/10
-	0		USPAT;	2004/05/18
		(correlat\$4 or peak\$4)	US-PGPUB	19:50
-	1	5265167.pn. and maximiz\$6	USPAT;	2004/05/18
			US-PGPUB	19:51
-	1	6470310.pn. and (EX\$3CELP or CELP)	USPAT;	2004/05/24
			US-PGPUB	12:03
_	1	6470310.pn. and (EX\$3CELP or CELP) same	USPAT;	2004/05/24
	_	(previous\$4 or past or short or	US-PGPUB	09:13
		correlation\$4 or current\$4)	05 19:05	00.15
	1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 2004 /05 /04
-	1	6470310.pn. and (EX\$3CELP or CELP) same	USPAT;	2004/05/24
		previous\$4 and short and correlation\$4	US-PGPUB	10:36
		and current\$4		
-	114146	6470310.pn. (cod\$4 or decod\$4 or encod\$4)	USPAT;	2004/05/24
		same previous\$4	US-PGPUB	09:30
-	1	6470310.pn. and (cod\$4 or decod\$4 or	USPAT;	2004/05/24
	i	encod\$4) same previous\$4	US-PGPUB	09:30
_	1	(US-RE36721-\$).did.	USPAT	2004/05/24
	1	(00 1120721 47.414.	OBIAL	09:37
1_	1	/IIC_DE26721_6\ did	IICDAM	2004/05/24
1	1	(US-RE36721-\$).did.	USPAT	, , = -
1	_	//MG_DE26721_6\_444_\01_/_164	an	09:37
-	1	((US-RE36721-\$).did.) and (cod\$4 or	USPAT	2004/05/24
	1	decod\$4 or encod\$4) same previous\$4		09:38
-	1	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	USPAT	2004/05/24
1	1	decod\$4 or encod\$4) same (previous\$4 or		09:39
1	1	past)		]
-	0	6470310.pn. and scal\$5	USPAT;	2004/05/24
1	1	•	US-PGPUB	10:36
-	1	5664054.pn.	USPAT;	2004/05/24
1	*		US-PGPUB	10:47
1_	1	5664054.pn. and scal\$4 and gain\$4 and		
1 -	1		USPAT;	2004/05/24
		pitch\$4 near lag\$5	US-PGPUB	10:49
-	0	<u></u>	USPAT;	2004/05/24
	ł	pitch\$4 near lag\$5 and (current or	US-PGPUB	10:49
		present) same sub\$4fram\$4		
-	0		USPAT;	2004/05/24
	]	pitch\$4 near lag\$5 and (current or	US-PGPUB	10:49
	İ	present) same fram\$4		
_	1	5664054.pn. and scal\$4 and gain\$4 and	USPAT;	2004/05/24
	i -	pitch\$4 near lag\$5 and (current or	US-PGPUB	10:49
		present)	03-16100	10.45
				0004/05/51
-	1	6470310.pn. and encod\$4	USPAT;	2004/05/24
L	<u> </u>		US-PGPUB	14:20